

Mark Kretschmar
Communication Manager
Lion Precision
651-484-6544
mark@lionprecision.com

Lion Precision Fact Sheet

Principle Products:

High-precision noncontact sensors based on capacitive and eddy-current technologies. Primary products measure very small changes (500 microns to 1 mm) with very high resolution (1 to 50 nanometers).

Principle Product Markets:

Precision manufacturing, aerospace, research laboratories, disk drive manufacturers, semiconductor manufacturers, automotive suppliers, industrial test and measurement and packaging automation.

Application Specific Products and Markets:

Product	Market	Solution
LRD Series Label Sensors	Packaging, all varieties	Sensors used during label application, slitting and rewinding
LRD Series Tear Tape Sensors	Packaging, primarily tobacco	Sense presence/absence of tear-tape during package overwrap process
Targa III	Printed circuit board manufacturing	Measures drill spindle runout (wobble) as part of preventive maintenance
Spindle Error Analyzer	Precision machining; Bearing manufacturing	Sensors and software for detailed analysis of error motions in precision spindles used in machine tools and disk drives
ThreadSense	Metal forming and manufacturing, automotive suppliers	Detects presence, absence and quality of threads in threaded holes

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Sales Distribution:

45% - United States

35% - Europe

15% - Asia

5% - Other

General Information:

Locations: 2; St. Paul, Minn. (HQ) and Colorado Springs, Colo.

Employees: 25

Annual Sales: Over \$4 million

Trend: FY2006 expected to be record sales year

Founded: 1958 by Dr. Kurt Lion of the Massachusetts Institute of Technology (MIT)

President: Don Martin B.S.E.E.

Partnerships: Lion Precision partners with major universities and national laboratories to advance the technology and application of noncontact sensing. Partners include:

University of North Carolina Charlotte

Penn State

Los Alamos National Laboratories

Lawrence Livermore National Laboratories

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